DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD		\$	MMM MM	000000000 000000000 0000000000 000 000 000 000	000 000 000 000 000 000 000 000 000 00
--	--	--	--	--	--

DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD	\$	MM MM MMMM MMMM MMMMM MMMM MM MM MM MM MM	000000 00 00 00 00	00 00 00 00
	\$			

M 2

MODULE DISMOU (
LANGUAGE (BLISS32),
IDENT = 'V04-000'

BEGIN

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FACILITY: DISMOUNT Utility Structure Level 1

ABSTRACT:

This is the main routine of the DISMOUNT command.

ENVIRONMENT:

STARLET operating system, including privileged system services and internal exec routines.

AUTHOR: Andrew C. Goldstein, CREATION DATE: 28-Oct-1977 14:12

MODIFIED BY:

V03-016 HH0035 Hai Huang 10-Jul-1984 fix truncation errors.

V03-015 HH0027 Hai Huang 26-Jun-1984
Prevent race condition between two simultaneous dismounts on the same volume.

D1SMOU V04-000		15-Sep-1984 23:39:09 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:20:03 [DISMOU.SRC]DISMOU.B32;1	Page (1)
58	0058 1 ! 0059 1 !	V03-014 MHB0154 Mark Bramhall 27-Apr-1984 Correct NSA\$B_ARG_FLAG setting for multiple audits enabled.	
61	0060 1 1 0061 1 1 0062 1	V03-013 LMP0229 L. Mark Pilant, 12-Apr-1984 12:24 Remove references to the CHIP block.	
64	0065 1 0065 1	V03-012 HH0014 Hai Huang 10-Apr-1984 Synchronize \$GETDVIW on MOUNT_EFN.	
58 59 60 61 63 64 65 66 67 68 70	0066 1 0067 1 0068 1 0069 1	V03-011 HH0013 Hai Huang 09-Apr-1984 Use LNM\$C_MAXDEPTH to represent maximum number of times to recursively translate a logical name.	
71	0070 1 0071 1 0072 1	V03-010 HH0009 Hai Huang 28-Mar-1984 Add security auditing support.	
74	0073 1 0074 1 0075 1	V03-009 LMP0221 L. Mark Pilant, 26-Mar-1984 16:27 Change the device owner location to the ORB from the UCB.	
777	0076 1 0077 1 0078 1	V03-008 HH0007 Hai Huang 22-Mar-1984 Add cluster-wide group volume support.	
80	0079 1 0080 1 0081 1	V03-007 HH0004 Hai Huang 28-Feb-1984 Add cluster-wide mount support.	
72 73 745 76 778 789 81 883 884 888 888 889	0079 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V03-006 HH0006 Hai Huang 05-Mar-1984 Fix bug introduced by HH0003 when dismounting a foreign magtape.	
87 88	0087 1 ! 0088 1 !	V03-005 HH0003 Hai Huang 07-Feb-1984 Add forced dismount support.	
91	0089 1 0090 1 0091 1	V03-004 HH0002 Hai Huang 23-Jan-1984 Add job-wide mount support.	
93 94 95	0089 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	V03-003 RAS0168 Ron Schaefer 12-Jul-1983 Interlock the logical name mutex when interogating MTL\$L_LOGNAME.	
97	0096 1 0097 1 0098 1	V03-002 DMW4051 DMWalp 20-Jun-1983 Intergration of new logical name structures	
100	0100 1 0101 1	V03-001 STJ0240 Steven T. Jeffreys, 23-Mar-1982 Use system routines to check descriptors.	
103	0102 1 0103 1 0104 1	V02-010 STJ0231 Steven T. Jeffreys, 02-Mar-1982 Copy buffer descriptor to internal storage before probing.	
92 93 94 95 96 97 98 100 101 102 103 104 105 106 107 108 109 110 111 112	0105 1 0106 1 0107 1	VO2-009 STJ0227 Steven T. Jeffreys, 17-feb-1982 fix incorrect probe of the user-specified device name. Also fix typos in update packet.	
110	0110 1 0111 1 0112 1	VO2-008 STJ0176 Steven T. Jeffreys, 07-Jan-1981 Set BUGCHECK and EXQUOTA privileges for the user, and clear them when we are done with them.	
1113	0113 1	V02-007 ACG0248 Andrew C. Goldstein, 31-Dec-1981 13:14	

PSECT

CODE = Z\$DISMOUNT (PIC, SHARE);

D

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(2)

```
DISMOU
V04-000
                                                                                                                                                    VAX-11 Bliss-32 V4.0-742
EDISMOU.SRCJDISMOU.B32;1
                                                                                                                                                                                                                         (2)
                                                                                                                                                                                                                 Page
                                                      STATUS,
LOCK_STATUS
     system service status
                                                                                 : VECTOR [2, LONG]
                                                                                   VECTOR [NAMEBUF LEN, BYTE]
INITIAL (BYTE ("DMTS", REP NAMEBUF LEN-4 OF (" '))),
DMT resource name buffer
                                                      DMTLCKNAM_BUF
                          : VECTOR [2, LONG]
INITIAL (0, DMTLCKNAM_BUF),
                                                      DMTLCKNAM_DSC
                                                                                 : BBLOCK [(1+12) + 4] INITIAL
                                                      ITMLST
                                                                                       Item: Allocation device name
                                                                                    (WORD (NAMEBUF LEN-4),
WORD (DVIS ALEDEVNAM),
LONG (DMTLEKNAM BUF+4),
                                                                                      LONG (DMTLCKNAM_DSC).
                                                                                       Item list stopper
                                                                                      LONG (0));
                                           Probe the device descriptor and the string it describes for read access.
                                           The string descriptor is copied to DEV_NAME for future reference.
                                        IF NOT (STATUS = EXESPROBER_DSC (.DEVNAM; LENGTH, ADDRESS))
                                        THEN
                                       RETURN (.STATUS);
DEV_NAME [DSC$W_LENGTH] = .LENGTH;
DEV_NAME [DSC$B_DTYPE] = 0;
DEV_NAME [DSC$B_CLASS] = 0;
DEV_NAME [DSC$A_POINTER] = .ADDRESS;
                                           Set up the physical device name descriptor.
                                        PHYS_NAME[DSC$B_CLASS]
PHYS_NAME[DSC$B_DTYPE]
PHYS_NAME[DSC$W_LENGTH]
PHYS_NAME[DSC$A_POINTER]
                                                                                              = 0; ! set u
= 0;
= NAMEBUF_LEN;
= NAME_BUFFER;
                                                                                                            ! set up physical device name descriptor
                                           Translate the logical name and then assign a channel to the device. The channel is needed for two reasons; first, the device UCB address is needed, and it can easily be gotten once a channel has been assigned to the device, and second, having a channel assigned to the device will act as an interlock, and will prevent premature deallocation of the VCB.
                                         IF NOT (STATUS = TRAN_LOGNAME (DEV_NAME, PHYS_NAME[DSC$W_LENGTH]))
                                         THEN
                                        RETURN .STATUS:
IF NOT (STATUS = $ASSIGN (CHAN = CHANNEL, DEVNAM = PHYS_NAME[DSC$W_LENGTH]))
                                         THEN
                                               RETURN . STATUS;
```

D

RETURN . STATUS;

Page

```
VAX-11 Bliss-32 V4.0-742 [DISMOU.SRC]DISMOU.B32;1
            ! end of routine DISMNT_COMMAND
                           .TITLE
                                      DISMOU
\V04-000\
                           .PSECT Z$DISMOUNT, NOWRT, SHR, PIC, 2
      00000 P.AAA:
      0001E
0001F
00020 P.AAB:
00022
00024
00028
0002C
                           . WORD
                           . LONG
                           .LONG
                           .LONG
                           .PSECT $GLOBAL$, NOEXE.2
       00000 CLUSTER_DEVICE ::
                           .EXTRN
.EXTRN
.EXTRN
.EXTRN
                                      EXESPROBER_DSC, SYSSASSIGN
SYSSSETPRV, SYSSGETDVIW
SYSSENGW, SYSSDEQ
SYSSDASSGN
                           .PSECT Z$DISMOUNT, NOWRT, SHR, PIC, 2
                                                                                                      : 0776
0070 00000
                           .ENTRY SYS$DISMOU, Save R2,R3,R4,R5,R6
```

DISMOU V04-000

							1	5-Sep-	-1984 23:39 -1984 12:20	0:09 VAX-11 Bliss-32 V4.0-742 CDISMOU.SRCJDISMOU.B32;1	Page 8
1C 04	AE AE	BE 18 00 08 00	56EAF AEFAEES 536E	000000000 FF7C 14 10 20 14 000000000	CE 2AE 10 AE AC	99209299010530094444			MOVAB	SYSSSETPRV, R6 -132(SP), SP #32, P.AAA, DMTLCKNAM_BUF DMTLCKNAM_DSC DMTLCKNAM_BUF, DMTLCKNAM_DSC+4 #16, P.AAB, ITMLST DMTLCKNAM_BUF+4, ITMLST+4 DMTLCKNAM_DSC, ITMLST+8 DEVNAM, RT EXESPROBER_DSC RO, STATUS STATUS, 1\$ LENGTH, DEV NAME ADDRESS, DEV NAME+4 #32, PHYS_NAME NAME BUFFER, PHYS_NAME+4 CHANNEL PHYS_NAME DEV_NAME DEV_NAME #2, TRAN_LOGNAME RO, STATUS STATUS, 1\$	0837 0853 0848 0837 0859
		7C FC 64 68	SS AE AE AE	44 64 F8	520 AEE AD	DO DE 4 F F P	00040 00048 0004b 0004F 00055		MOVL MOVAB CLRL PUSHAB PUSHAB CALLS MOVL	ADDRESS, DEV NAME+4 #32, PHYS NAME NAME BUFFER, PHYS NAME+4 CHANNEL PHYS NAME DEV_NAME	0862 0865 0872 0873 0882 0883
	00	0000v	CF 53 12	08 70	520EEEA020557AEE4055557AEE405557AEE405557AEE405557AEE405557AEE405557AEE405557AEE405557AEE405557AEE405557AEE405557AEE405557AEE4057AEE40557AEE40557AEE40557AEE40557AEE40557AEE40557AEE4057AE657AEE4057AEE4057AE657AEE4057AE657AE657AE657AE657AE657AE657AE657AE6	FD979FB081C8F	0005A 0005D 0006D 00062 00065 00065		PUSHAB PUSHAB CALLS	CHANNEL PHYS_NAME #4, SYS\$ASSIGN	0886
		6E	00 53 03 AE	6C 88 74	50 53 0095 AE 8F AE 7E AE 01	DE3788F4F	0006F 00072 00075 00078 00080 00083 00085	1\$: 2\$:	MOVL BLBS BRW CLRQ BISB2 PUSHAB CLRL	RO, STATUS STATUS, 2\$ 5\$ DISMOUNT_PRIVS #136, DISMOUNT_PRIVS+2 USER_PRIVS -(SP)	0893 0896 0897
			66	74 14 18	7E 7E AE 7E AE 1A	9FDBCCCF40DBBCCC	00085 0008A 0008D 0008F 00091 00094 00096		PUSHAB PUSHL CALLS CLRQ CLRQ	#1 #4. SYS\$SETPRV -(SP) -(SP) ITMLST -(SP) CHANNEL	0906
	00	0000000G	00 AE	2C 5C	08 07 77 76 10 AE	70	8A000		CLRL PUSHL PUSHL CALLS ADDL2 CLRQ CLRQ CLRQ PUSHAB PUSHL PUSHAB	#4. DMTLCKNAM_DSC -(\$P) -(\$P) -(\$P) DMTLCKNAM_DSC #16 LOCK_STATUS	0908 0914
	00	0000000 0000v	00 CF	08	1A 0B 6E AC 02 50	790900000000000000000000000000000000000	000B6 000B8 000BF 000C1 000C4		PUSHL PUSHL CALLS PUSHL PUSHL CALLS MOVL	#26 #11, SYSSENGW CHANNEL FLAGS #2, MAKE DISMOUNT RO, STATUS	0920
			CF 53		50	DÖ	00009		MOVL	RO. STATOS	:

D1SMOU V04-000		1 3 15-Sep-1984 23:39:09 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:20:03 [DISMOU.SRCJDISMOU.B32;1	Page 9
0000000G 0000V	40 00 0E 08 68 53 74 66 70	AE D5 000CC	0926 0928 0935 0936 0943
00000000G	00 50	01 FB 00106 53 D0 0010D 58: MOVL STATUS, RO 04 00110 RET	0946 0948

; Routine Size: 273 bytes, Routine Base: Z\$DISMOUNT + 0030

DV

Page

```
K 3
15-Sep-1984 23:39:09
14-Sep-1984 12:20:03
DISMOU
V04-000
                                                                                                                                                          VAX-11 Bliss-32 V4.0-742
[DISMOU.SRC]DISMOU.B32;1
                                                                                                                                                                                                                         Page
                                                                                                                   flag indicating that device is magtape RVT loop index flag indicating private mount found number of entries in RVT
                                                        MAGTAPE.
     1006
1007
1008
1009
1010
1011
1013
1015
1016
1017
1018
1020
1021
1023
                                                       PRIVATE,
RVT_LENGTH,
LIST_HEAD
CCB
UCB
VCB
                                                                                      REF BBLOCK.
REF BBLOCK.
REF BBLOCK.
REF BBLOCK.
REF BBLOCK.
                                                                                                                   pointer to current mount list head
                                                                                                                   CCB of channel (points to UCB)
UCB of device
VCB of device
                                                                                    :
                                                                                    :
                                                       RVT
MTL
STATUS;
                                                                                                                   address of relative volume table address of found MTL entry status of various routines
                                          EXTERNAL
                                                        CTL$GL_CCBBASE
                                                                                  : ADDRESSING_MODE (GENERAL),
                                                                                                                    base address of CCB table
                                                                                    : REF BBLOCK ADDRESSING_MODE (GENERAL).
                                                        SCHSGL_CURPCB
                                                                                                                   address of
                                                                                    : REF BBLOCK ADDRESSING MODE (GENERAL),
                                                        CTL$GL_PHD
                                                       EXESGL_SYSUCB : REF BBLOCK ADDRESSING_MODE (GENERAL),

CTLSGQ_MOUNTLST : VECTOR ADDRESSING_MODE (GENERAL),
                                                        IOC$GQ_MOUNTLST : VECTOR ADDRESSING_MODE (GENERAL);
                                                                                                                 ! system mounted volume listhead
                                          EXTERNAL ROUTINE LOCK TODB, UNLOCK TODB, TOCSDISMOUNT
                                                                                    ! lock I/O database
! unlock I/O database
: IOC_DISMOUNT ADDRESSING_MODE (GENERAL);
! system dismount routine
                                             Get the device characteristics and make sure it can be dismounted at all. i.e., that it is file oriented, etc. A mismatch between primary and
                            1040
1041
1043
1044
1046
1046
1047
1046
1047
1053
1053
1056
1061
1061
                                             secondary device characteristics indicates a spooled device or something
                                             else strange - reject it if so.
                                          DEVCHAR_DESC[DSC$B_CLASS]
DEVCHAR_DESC[DSC$B_DTYPE]
DEVCHAR_DESC[DSC$W_LENGTH]
DEVCHAR_DESC[DSC$A_POINTER]
                                                                                                     0;
                                                                                                                ! set up primary characteristics buffer descriptor
                                                                                                  =
                                                                                                  =
                                                                                                  = DEVCHAR_SIZE;
= DEVICE_CHAR;
                                          DEVCHAR_DESC2[DSC$B_CLASS]
DEVCHAR_DESC2[DSC$B_DTYPE]
DEVCHAR_DESC2[DSC$W_LENGTH]
DEVCHAR_DESC2[DSC$A_POINTER]
                                                                                                                ! set up secondary characteristics buffer descriptor
                                                                                                  =
                                                                                                  =
                                                                                                  = DEVCHAR_SIZE;
= DEVICE_CHAR2;
                                          SGETCHN (CHAN = .CHANNEL, PRIBUF = DEVCHAR_DESC, SCDBUF = DEVCHAR_DESC2);
                                          IF CHSNEQ (DEVCHAR SIZE, DEVICE_CHAR, DEVCHAR_SIZE, DEVICE_CHAR2, 0) OR NOT .DEVICE_CHAR[DEV$V_FOD] THEN RETURN (SSS_NOTFILEDEV);
                                          THEN RETURN (SS%_DEVOFFLINE);
```

D

THEN

BEGIN

Page

.CTL\$GQ_MOUNTLST[1] EQL CTL\$GQ_MOUNTLST[0]

! If normal dismount, get out

! for forced dismount, if mount list

IF NOT .FLAGS [DMT\$V_ABORT]
THEN EXITLOOP
ELSE

THEN EXITLOOP:

Page

```
DISMOU
V04-000
                                                                                                                                            VAX-11 Bliss-32 V4.0-742
EDISMOU.SRCJDISMOU.B32:1
                                                                                                      15-Sep-1984 23:39:09
14-Sep-1984 12:20:03
                                                                                                                                                                                                             (3)
                                                                                                                                                                                                      Page
                                                                                                      ! is empty, exit while loop
                                         Reinitialize critical variables for another iteration for forced dismount
                                      UCB = .CCB[CCB$L_UCB];
PRIVATE = 0;
                                                                                                         reinitialize UCB address
                                                                                                        and privately mounted flag
                                      LIST_HEAD = CTL$GQ_MOUNTLST[0];
                                                                                                      ! point to local mounted volume database
                                      END:
                                                                                                      ! forever loop
                                      RETURN 1;
                                      END:
                                                                                                      ! end of routine MAKE_DISMOUNT
                                                                                                                                  CTL$GL_CCBBASE, SCH$GL_CURPCB
CTL$GL_PHD, EXE$GL_SYSUCB
CTL$GQ_MOUNTLST
IOC$GQ_MOUNTLST
LOCK_IDDB, UNLOCK_IODB
IOC$DISMOUNT, SYS$GETCHN
                                                                                                                       .EXTRN
                                                                                                                       .EXTRN
                                                                                                                       .EXTRN
                                                                                                                       .EXTRN
                                                                                                                      .EXTRN
                                                                                        OFFC 00000 MAKE_DISMOUNT:
                                                                                                                                  Save R2,R3,R4,R5,R6,R7,R8,R9,R10,R11
#40, SP
#4, DEVCHAR_DESC
DEVICE_CHAR, DEVCHAR_DESC+4
#4, DEVCHAR_DESC2
DEVICE_CHAR2, DEVCHAR_DESC2+4
DEVCHAR_DESC2
                                                                                                                       . WORD
                                                                                                                                                                                                            0949
                                                                                                00002
                                                              SE AE AE AE
                                                                                           9E
                                                                                                                      SUBL 2
                                                                                                                                                                                                           1047
1048
1052
1053
                                                                                                                      MOVL
                                                                                               00009
                                                                             10
                                                                                    AE OAE AE AE AC OS
                                                                                                                      MOVAB
                                                                                           DO
9E
9F
                                                                                                0000E
                                                                                                                      MOVL
                                                                            14
                                                                                                00012
                                                                                                                      MOVAB
                                                                                                                                                                                                            1055
                                                                                                00017
                                                                                                                      PUSHAB
                                                                                                                      CLRL
PUSHAB
                                                                                                0001A
                                                                                                                                   -(SP)
                                                                                                0001C
                                                                                                                                   DEVCHAR_DESC
                                                                             28
                                                                                                0001F
                                                                                                                                   -(SP)
                                                                                                                      CLRL
                                                                             08
                                                                                           DD
                                                                                                0002
                                                                                                                      PUSHL
                                                                                                                                   CHANNEL
                                                              00
AE
                                             0000000G
                                                                                                                                   #5. SYSSGETCHN
                                                                                                00024
                                                                                                                      CALLS
                                                                                    AE
05
06
8F
                                                                                          D1
                                                                             10
                                                                                                                                                                                                            1057
                                                                                                0002B
                                                                                                                      CMPL
                                                                                                                                   DEVICE_CHAR, DEVICE_CHAR2
                                                                                                00030
                                                                                                                      BNEQ
                                                                                                00032
                                                                                                                                  #6. DEVICE_CHAR+1, 2$
                                                                                                                                                                                                            1058
1059
                                        06
                                                                                                                      BBS
                                                              AE
50
                                                                         O1CC
                                                                                                                      MOVZWL
                                                                                               0003C
                                                                                                                      RET
                                                                                           E0
9A
04
                                                                                    02
8F
                                                                                                                                  #2, DEVICE_CHAR+2, 3$
#132, RO
                                                                                                                                                                                                            1061
1062
                                        05
                                                              AE
50
                                                                                                                      BBS
                                                      12
                                                                                               00042
00046
00047
0004F
00054
0005E
00062
                                                                             84
                                                                                                                      MOVZBL
                                                                                                                      RET
                                                                                           E3EC000444
                                                                                                                                   #3, DEVICE_CHAR+2, 5$
                                                                                                                                                                                                            1064
                                        03
                                                       12
                                                              AE
                                                                                                                      BBS
                                                                                 01
                                                                                                                      BRW
                                                                                                                                  #5, DEVICE CHAR+2, 4$
CHANNEL, CTL$GL_CCBBASE, CCB
accb, UCB
52(UCB), VCB
PRIVATE
                                                                                     05
                                                                                                                      BBS
                                        F8 00000000G
                                                                                                                                                                                                            1076
1077
1078
1079
1080
1081
                                                                                    ACBES AESAE
                                                                                                                      SUBL 3
                                                                                                                      MOVL
                                                                                                                      MOVL
                                                                                                                      CLRL
CLRL
CLRL
                                                                                                                                   RVT
                                                                             00
                                                                                                                                   RVT_LENGTH
```

VO

015MOU V04-000									1	-Sep-1	984 23:39 984 12:20	0:09 VAX-11 Bliss-32 V4.0-742 0:03 [DISMOU.SRC]DISMOU.B32;1	Page ((3)
0000	6E CF	38 30	A5 A5		01 01 16	38 0E	050 057 001 067 050 050 050 050 050 050 050 050 050 05	EF ES	0006E 00074 0007C 0008Q		EXTZV EXTZV BLBS TSTW	#5. #1. 56(UCB), MAGTAPE #0. #1. 60(UCB), CLUSTER_DEVICE 59(UCB), 8\$ 14(VCB)	: 10 : 10 : 10	08 08 08 08
			03	04	AC		01	EI	00085	48.	BEGL		•	
				ОС	AC 09 58 AE	20 08 04	A7 A8 AC	00 9A 00	0008D 00091 00096	6\$: 7\$: 8\$:	MOVL MOVZBL PUSHL	M1. FLAGS. 7\$ MAGTAPE, 8\$ 32(VCB), RVT 11(RVT), RVT_LENGTH FLAGS UCB M2. CHECK_PRIV STATUS, 9\$	10 10	08 09 09 09
				0000v	CF 01		02	FB E8	0009B 000A0		CALLS	#2, CHECK PRIV	10	090
						04	AC	04	000A3 000A4	9\$:	PUSHL		10	098
				0000v	CF 5B 5A	0000000G	AC5000000000000000000000000000000000000	FEEB1EED900B8400BE045305210B00B03	0006E 0007C 000835 000885 000885 000880 0008	10\$: 11\$: 12\$:	CALLS MOVAB MOVL CLRL	FLAGS UCB #2, SETUP MTL CTL\$GQ_MOUNTLST, LIST_HEAD #2, K J	11	100 100 110
					55	44	58 05 4849	13	000BA 000BC	12\$:	TSTL BEQL MOVI	RVT 13\$ 68(RVT)[J], UCB		
					,,		03	12	000C3	13\$:	TSTL	UCB	ii	11
				0000G	57 CF	34	00A7 005 55B 050 704	DO FB	000CA 000CE 000D3	14\$:	MOVL CALLS PUSHL	21\$ 52(UCB), VCB WO, LOCK_IODB UCB LIST_HEAD W2, SEARCH_MOUNT RO, MTL 19\$	11	12 13 13
				0000v	CF 56		02 50 70		000D7 000DC 000DF		CALLS MOVL BEQL	#2. SEARCH_MOUNT RO. MTL 19\$	11	13
				04	06 AE		01	E8 00	000E1 000E4		MOVL BRB	#1 PRIVATE		14
				08 0000G	A7 56 CF 7F	со	8F 66 00	8A OF FB	000EA 000EF 000F2	15\$: 16\$:	BICB2 REMQUE CALLS	#192, 11(VCB) (MTL), MTL #0, UNLOCK_IODB		130 130 130 150 150 160
	53	04	AC	0000v	7E CF 54 01	04 00000000G	AC 04 00 00	8A 0F FB 7D FB DEF 165	000FA 000FE 00103 0010A		MOVQ CALLS MOVL EXTZV	K, 15\$ W1, PRIVATE 16\$ W192, 11(VCB) (MTL), MTL W0, UNLOCK_IODB UCB, -(SP) FLAGS, -(SP) W4, DISMOUNT AUDIT SCH\$GL_CURPCB, R4 W0, W1, FLAGS, R3 IOC\$DISMOUNT		161
						00000000G	59 50 58	16 05 12 05	00110 00116 00118 0011A		JSB TSTL BNEQ TSTL	IOCSDISMOUNT J 20S RVT 17S		168
			47	04 0000G	AC 56 CF		05F605C40000908550060558200	12 E8 FB DD FB D0	000E1 000E8 000E8 000EF 000F7 000F7 000F8 00110 00116 00118 001128 00128 00127	17\$:	EXTENSIVE LEGISTER LAND STATES AND STATES AN	17\$ #1, FLAGS, 20\$ MAGTAPE, 22\$ #0, LOCK_IODB UCB LIST_HEAD #2, SEARCH_MOUNT R0, MTL 18\$		169
				0000v	CF 56		5B 02 50	DD FB	0012B 0012D 0012F 00134		PUSHL PUSHL CALLS MOVI	LIST_HEAD #2, SEARCH_MOUNT RO. MIL	11	

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DISMOU V04-000									15	-Sep-1	984 23:39 984 12:20	:09	VAX-11 Bliss-32 V4.0-742 [DISMOU.SRC]DISMOU.B32;1	Page 1
	53	04	AC	00006	56 CF 54 01	00000000G 00000000G	66 00 00 00 00 14	OF 0	00139 00130 00141 00148		REMQUE CALLS MOVL EXTZV JSB BRB CALLS BRB CALLS BLBC BLBS TSTL	(MTL #0, SCHS #0,	UNLOCK IODB GL_CURPCB, R4 #1, FLAGS, R3 DISMOUNT	117
				0000G	CF		14 00 00	11 (FB (0015B	185:	BRB CALLS BRB	204	UNLUCK_TODB	117 118 116 119
				0000G	CF O5		00 5 A	FB (0015D 00162	19\$:	BLBC	WO. 2	UNLOCK_IODB	119
			19	04	AC OF		00 00 00 50 65 65 80 99	E9 (0 E1 (0 E8 (0 D5 (0	00165 0016A 0016D 0016F 00171	20\$:	BBC BLBS TSTL	MAGT RVT	UNLOCK_10DB	119
				ОС	AE		59 59	D6 (D1	00171 00173 00177 00177	21\$:	INCL CMPL BGEQU	3		120
					08 0A 50	04 FF	ŠĒ AE 6E 8F	E8 (0017C 00180	22 \$:	BRW BLBS BLBC MOVZBL	12\$ PRIV MAGT #124	ATE, 24\$ APE, 25\$	121 121 121
			2E	04	AC 5B 02			04 (00187	24 \$: 25 \$:	RET BBC MOVAB SOBGTR		FLAGS, 28\$ GQ_MOUNTLST, LIST_HEAD 26\$	122 122 110
			1A	04	AC 50 50	FF	03 102 000 00 00 00 00 00 00 00	11 (31 (61 (9E (01 (00197 00199 00190 001A1 001A8 001AF 001B1 001B8 001BB	26 \$: 27 \$:	BEQL INCL CMPL BGEQU BRW BLBS BLBC MOVAB SOBGTR BRW BBC MOVAB CMPL BEQL CLRL BRW MOVL BRW MOVL	116		122
					55	08 04	DA BE AE	13 (00 (04 (31 (001AF 001B1 001B5		BEQL MOVL CLRL RRW	28\$ accb PRIV	FLAGS, 28\$ GQ_MOUNTLST, RO GQ_MOUNTLST+4, RO RO	123 124 124 124
					50	FE	01	04	001BB	28\$:	MOVL RET	#1.	RO	124

; Routine Size: 447 bytes, Routine Base: Z\$DISMOUNT + 0141

DI VO

Page

```
D15MOU
V04-000
                                                                                                                               15-Sep-1984 23:39:09
14-Sep-1984 12:20:03
                                                                                                                                                                              VAX-11 Bliss-32 V4.0-742 [DISMOU.SRC]DISMOU.B32;1
                                                                                                                                                                                                                                                      Page
                                                               RESULTEDSCSA_POINTER]
     IF BEGIN
DECR N FROM LNMSC_MAXDEPTH TO 1 DO
                                1312
1313
1314
1316
1317
1318
1320
1322
1323
                                                       BEGIN
P = CH$FIND_CH (.NAME_DESCEDSC$W_LENGTH], .NAME_DESCEDSC$A_POINTER], ':');
IF NOT CH$FAIL (.P)
                                                               BEGIN
                                                               IF .P - .NAME_DESC[DSC$A_POINTER] LSSU .NAME_DESC[DSC$W_LENGTH] - 1
AND .(.P)<0.16> EQL '::'
THEN RETURN (SS$_NONLOCAL);
NAME_DESC[DSC$W_[ENGTH] = .P - .NAME_DESC[DSC$A_POINTER];
                                                        IF CHSRCHAR (.NAME_DESC[DSCSA_POINTER]) EQL '_'
THEN EXITLOOP 0;
                                                       STATUS = $TRNLOG (LOGNAM = NAME_DESC[DSC$W_LENGTH],

RSLLEN = NAME_DESC[DSC$W_LENGTH],

RSLBUF = RESULT[DSC$W_LENGTH]);

IF .STATUS EQL SS$ NOTRAN THEN EXITLOOP 0;

IF NOT .STATUS THEN RETURN (.STATUS);
                                                END
                                                THEN RETURN (SS$_NOTRAN);
                                                   Return the result length.

The high-order word in the first longword of the result descriptor is zeroed to allow a more relaxed interpretation of the descriptor.
                                               RESULT[DSC$B_DTYPE] = C;
RESULT[DSC$B_CLASS] = 0;
RESULT[DSC$W_LENGTH] = .NAME_DESC[DSC$W_LENGTH];
                                                RETURN SS$_NORMAL;
                                               END:
                                                                                                                               ! end of routine TRAN_LOGNAME
                                                                                                                                                   .EXTRN SYS$TRNLOG
                                                                                                             007C 00000 TRAN_LOGNAME:
                                                                                                                                                                  Save R2,R3,R4,R5,R6
#8, SP
LOG_NAME, R0
(ROT, NAME_DESC
RESULT, R6
4(R6), NAME_DESC+4
(R0), @4(ROT, #0, (R6), @4(R6)
                                                                                                                                                                                                                                                             1251
                                                                                                                                                    WORD
                                                                                                                       00002
00005
00000
00000
00015
0001B
0001D
00025
00027
                                                                                                                                                   SUBL 2
                                                                             50
65
65
80
                                                                                                                 00
                                                                                                          08C6CA60B0A05
                                                                                                                                                   MOVL
                                                                                                                                                                                                                                                              1302
                                                                                                                 BÖ
                                                                                                                                                   MOVW
                                                                                               08
04
                                                                                                                                                                                                                                                              1303
                                                                                                                 DO
                                                                                                                                                   MOVL
                                                                                                                                                   MOVL
                                                  00
                                                                                                                                                   MOVC5
                                                                                                                                                                                                                                                              1308
                                                                                                                                                   MOVL
LOCC
BNEQ
                                                                                                                                                                   #10, N
#58, NAME_DESC, aNAME_DESC+4
2$
R1
                                                                                                                                                                                                                                                              1312
                                                                                                                                                   CLRL
```

DI VO

D1SMOU V04-000					1	5-Sep-19 4-Sep-19	84 23:39 84 12:20	2:09 VAX-11 Bliss-3	2 V4.0-742 Page 20 SMOU.B32;1 (4
	51	53 53 50 50 50 A3A 8F	04	51 AE 650 51 053	DO 00029 13 0002C C3 0002E 3C 00033 D7 00036 D1 00038 1E 0003B B1 0003D	28:	MOVL BEQL SUBL 3 MOVZWL DECL CMPL BGEQU CMPW BNEQ MOVZWL	R1, P 4\$ NAME_DESC+4, P, R1 NAME_DESC, RO R1 R0 R1, R0 3\$ (P), #14906	131
	•	50	08F0	00 63 06 8F	12 00042		BNEQ	3\$ #2288, RO	132
		5F 6E 8F	04	S1 BE	B0 0004A 91 0004D	35: 45:	RET MOVW CMPB BEQL CLRQ	R1. NAME_DESC anAME_DESC+4, #95	132
	00000	54	10	51 B2F F56 AAC 554 554	13 00052 7C 00054 D4 00056 DD 00058 9F 0005D FB 00060 D0 00067 D1 0006A 13 00071 E8 00073 D0 00076 04 00079		CLRQ CLRL PUSHAB PUSHAB CALLS MOVL CMPL BEQL BLBS MOVL RET SOBGTR	-(SP) -(SP) R6 NAME_DESC NAME_DESC #6, SYS\$TRNLOG R0, STATUS STATUS, #1577 6\$ STATUS, 80	1324 1336 133
		A3 50	0629	52 8F	F5 0007A	5\$:	MOVZWL	N 1577, RO	131
		66 50		6E 01	3C 0007D 04 00082 3C 00083 D0 00086 04 00089	6\$:	RET MOVZWL MOVL RET	NAME DESC. (R6)	134 134 134
; Routine Size: 1	38 bytes, Ro	utine Base	: Z\$DIS	MOUNT	+ 0300		KEI		

DI VO

```
D15MOU
V04-000
                                  ROUTINE SEARCH_MOUNT (MTL_HEAD, UCB) =
   FUNCTIONAL DESCRIPTION:
                                              This routine searches the given mounted volume list for the entry representing the indicated UCB.
                                     CALLING SEQUENCE:
SEARCH_MOUNT (ARG1, ARG2)
                                     INPUT PARAMETERS:
                                              ARG1: address of mounted volume list head ARG2: address of desired UCB
                                     IMPLICIT INPUTS:
                                              NONE
                                     OUTPUT PARAMETERS:
                                              NONE
                                     IMPLICIT OUTPUTS:
                                              NONE
                                     ROUTINE VALUE:
                                              address of entry or 0
                                     SIDE EFFECTS:
                       1376
13778
13789
1338845
1338867
13399
13399
13399
13399
1400
1400
1400
1400
1400
                                              NONE
                                  BEGIN
                                  MAP
                                                                    : REF VECTOR. : REF BBLOCK;
                                             MTL_HEAD
                                                                                              mounted volume list head
                                             UCB
                                                                                             desired UCB
                                  LOCAL
                                             MTL
                                                                     : REF BBLOCK;
                                                                                           ! list entry in question
                                    Simply scan through the doubly linked list, checking consistency as we go.
                                  MTL = .MTL_HEAD[0];
                                  UNTIL .MTL EQL MTL_HEAD[0] DO
                                        IF .MTL[MTL$B TYPE] NEQ DYN$C MTL
THEN BUG CHECK (NOTMTLMTL, FATAL, 'Corrupted mounted volume list');
IF .MTL[MTL$L UCB] EQL .UCB THEN RETURN .MTL;
MTL = .MTL[MTE$L_MTLFL];
                                        END:
```

D1SMOU V04-000					1	5-Sep-19 4-Sep-19	84 23:39 84 12:20	2:09 VAX-11 Bliss-32 V4.0-74	2 Page 2
: 801 1404 2 RETU : 802 1405 2 : 803 1406 1 END;	RN 0;							SEARCH_MOUNT	
							.EXTRN	BUG\$_NOTMTLMTL	
	04	50 AC	04	0000 BC DO 50 D1 16 13	00000 00006 0000A	SEARCH_	MOUNT: .WORD MOVL CMPL BEOL	Save nothing AMTL_HEAD, MTL MTL, MTL_HEAD 3\$ 10(MTL), #25	: 134 : 139 : 139
		19	0A	A0 91 04 13 FEFF 0000+	0000C 00010 00012 00014		CMPB BEQL BUGW WORD	4	139
	08	AC 50	00	A0 D1 07 13 60 D0 E4 11 50 D4	00016 0001B 0001D 00020	28:	WORD MOVL EMPL BEQL BUGW WORD CMPL BEQL MOVL BRB CLRL RET	<bug\$ notmtlmtl!4=""> 12(MTE), UCB 4\$ (MTL), MTL 1\$ R0</bug\$>	140 140 139 140 140
; Routine Size: 37 bytes,	Routine			50 D4 04 DUNT + 0	00024	3\$: 4\$:	RET	RU	: 140

D1

: 804 : 805 1408 1

EXTERNAL ROUTINE

DI

DV

VAX-11 Bliss-32 V4.0-742 EDISMOU.SRCJDISMOU.B32;1

END:

```
LOCK_TODB,
IF .FLAGS [DMT$V_ABORT]
                                                                                                ! for dismount /abort
          BEGIN
              Set up the local MTL database
          NULL = .SCH$GL_PCBVEC [0];
LOCK_IODB ();
INCR PIX FROM 1 TO .SCH$GL_MAXPIX
                                                                                               ! remeber pcb of the null process
! lock I/O database
! look thru each process in system
                  SET_IPL (IPL$_SYN(H);

IF (( PCB = .5(H$GL PCBVEC [.PIX] ) NEQ .NULL ) ! non-null process

AND ( .PCB [PCB$L_OWNER] EQL 0 ) ! master process

AND (( JIB = .PCB [PCB$L_JIB] ) NEQ 0 ) ! forget the swapper

AND (.JIB [JIB$L_MTLBL] NEQ JIB [JIB$L_MTLFL] ) ! something in mountlist
                    THEN
                             BEGIN
                                 Note that at this point, we have a JIB with at least one volume mounted. Lower the IPL to ASTDEL since MTLs are located in paged-pool. We can safely do this because the existence of an MTL entry means that this process will not be deleted until we give up the I/O database mutex.
                                                                                                   lower IPL to ASTDEL since we still have the I/O database mutex
                             SET_IPL (IPL$_ASTDEL);
                            MTL = MOVE_MTL ( .LIST_HEAD, .UCB, .FLAGS ) ! this process
UNTIL ( .MTL EQL 0 );
                             LIST_HEAD = JIB [JIB$L_MTLFL];
                             END:
                                                                                                    end for loop
unlock I/O databse
of dismount abort setup
          UNLOCK_IODB ();
ELSE
                                                                                                  normal dismount path
get our JIB address
get job-wide mount listhead
lock I/O database
LAGS); ! set up local MTL database
unlock I/O database
of normal dismount setup
         JIB = .SCH$GL_CURPCB [PCB$L_JIB];

LIST_HEAD = JIB [JIB$L_MTLF[];

LOCK_IODB ();

MTL = MOVE_MTL ( .LIST_HEAD, .UCB,

UNLOCK_IODB ();
          END:
RETURN 1:
```

.EXTRN SCHSGL_PCBVEC, SCHSGL_MAXPIX

O1FC 00000 SETUP_MTL:

! of routine SETUP_MTL

D15MOU V04-000				15-Sep-1984 23:39:09 VAX-11 Bliss- 14-Sep-1984 12:20:03 [DISMOU.SRC]	
	52	08 Å	8 00000000G 00 0 02 0 68 7 60 F 00	## DO 00010 ## DO 00019 ## DO	1476
			6 000000006 00 54 2 08 1 68 3 6144 7 53	E1 00009 D0 0000E D0 0000E D0 00011 FB 00014 D0 00019 D1 00020 D1 00022 DA 00024 D0 00027 D0 00027 D0 00028 D1 00028 D1 00028 D1 00038 D1 00048 D1 00049 D1	1477 1478 1482 1481 1482
			1 1 27 1 1 A3 2 0080 C3	D1 0002E CMPL PCB, NULL 13 00031 BEQL 3\$ D5 00033 TS1L 28(PCB) 12 00036 BNEQ 3\$ D0 00038 MOVL 128(PCB), JIB 13 00030 BEQL 3\$	1483
			2 04 A2 15 02 52 52 64 AC	D1 0003F CMPL 4(JIB), JIB 13 00043 BEQL 3\$ DA 00045 MTPR #2, #18 D0 00048 MOVL JIB, LIST HEAD 7D 0004B 2\$: MOVQ UCB, -(SP) DD 0004F PUSHL LIST HEAD FB 00051 CALLS #3, MOVE_MTL	1485 1495 1497 1499
	C6	0000V C	50 F1 56 1F	11 DODE FF	1500 1478 1503 1507
		0000G C	0 000000000 00 2 0080 C0 5 52 F 00 E 04 AC	11 0005E D0 00060 4\$: MOVL SCH\$GL_CURPCB, RO D0 00067 MOVL 128(ROT, JIB D0 0006C MOVL JIB, LIST_HEAD FB 0006F CALLS #0, LOCK_TODB TD 00074 MOVQ UCB, -(SP) DD 00078 PUSHL LIST_HEAD FB 0007A CALLS #3, MOVE_MTL FB 0007F 5\$: CALLS #0, UNLOCK_IODB D0 00084 MOVL #1, RO O4 00087	1507 1508 1509 1510
			F 03 F 00 0 01	04 00001 ME1	1511 1514 1516
; Routine Size ; 915 ; 916 ; 917 ; 918	1517 1 1518 1 1519 1	Routine B	ase: Z\$DISMOUN	+ O3AF	

MAGTAPE = .BBLOCK [UCB [UCB\$L_DEVCHAR], DEV\$V_SQD]; ! magtape flag

D

```
DISMOU
V04-000
                                                                                            15-Sep-1984 23:39:09
14-Sep-1984 12:20:03
                                                                                                                              VAX-11 Bliss-32 V4.0-742
[DISMOU.SRC]DISMOU.B32;1
                                                                                                                                                                                  Page
  VCB = .UCB [UCB$L_VCB];
                                                                                            ! get VCB address
                                  IF NOT .BBLOCK [UCB[UCB$L_DEVCHAR], DEV$V_FOR]
AND ((.VCB[VCB$W_RVN] NEQ 0 AND NOT .FLAGS [DMT$V_UNIT])
OR .MAGTAPE
                       THEN
                                                                                              process a volume set
                                        BEGIN
                                       RVT = .VCB [VCB$L_RVT];
RVT_LENGTH = .RVT [RVT$B_NVOLS];
MTL = 0;
                                                                                              get RVT address
                                                                                            ! get number of volumes
                                       J = 0;
                                              BEGIN

LUCB = .VECTOR [RVT [RVT$L_UCBLST], .J]; ! get UCB address

IF .LUCB NEQ 0 ! if UCB still mounted
                                              IF . LUCB NEQ 0
                                              THEN
                                                    BEGIN
                                                    IF ( VAL = FIND_MTL ( .LIST_HEAD, .LUCB ) NEQ 0 )
                                                        THEN MTL = . VAL;
                                                    IF .J EQL O
                                                   END:
                                                                                              end of UCB eql O condition
                                              J = .J + 1;
                                                                                              bump index
                                              END
                                        UNTIL .J GEQU .RVT_LENGTH;
                                        END
                                                                                            ! of volume set processing
                                  ELSE
                       1610
1611
1612
1613
                                        MTL = FIND_MTL ( .LIST_HEAD, .UCB ); ! single volume, find one MTL
                                  RETURN .MTL:
                       1614
  1014
                                  END:
                                                                                            ! routine MOVE_MTL
                                                                               O1FC 00000 MOVE_MTL:
                                                                                                                     Save R2,R3,R4,R5,R6,R7,R8
FIND_MTL, R8
UCB. R0
#5, #1, 56(R0), MAGTAPE
52(R0), VCB
59(R0), 8$
14(VCB)
                                                                                                                                                                                       1522
                                                                                                           . WORD
                                                        58
50
01
51
                                                                                      00002
00007
0000B
00015
00015
00016
00023
00026
0002A
                                                                                                          MOVAB
                                                                  0000V
                                                                                  9DEDEB1EED90
                                                                                                                                                                                       1577
                                                                                                          MOVL
                                                                            52
                             38
                                    AO
                                                                     34
38
0E
                                                                                                          MOVL
BLBS
TSTW
                                                                                                                                                                                       1578
1580
1581
                                                        62
                                                                                                          BEQL
                                                                                                                     #1. FLAGS, 2$
MAGTAPE, 8$
32(VCB), RVT
11(RVT), RVT_LENGTH
                                    03
                                                        AC 550 57
                                                                                                          BBC
                                                 00
                                                                                                          BLBC
                                                                     20
0B
                                                                                                           MOVL
                                                                                                          MOVZBL
                                                                                                          CLRL
```

D1SMOU V04-000			B 5 15-Sep-1984 23:39:09 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:20:03 [DISMOU.SRC]DISMOU.B32;1	Page (28
	56 54	44	경기가 있어야 하다 하는 것 보았는데 그리고 하는데 되었다. 그리고, 어느, 아그리고 하면 하게 되었다. 그리고 있어 가장 얼마나 되었다. 그리고 그는 점이 어느까지 말이 때문에	: 1590 : 1593
	68	04	36 13 0003A BEQL 7\$ 54 DD 0003C PUSHL LUCB AC DD 0003E PUSHL LIST HEAD 02 FB 00041 CALLS #2, FIND_MTL 51 D4 00044 CLRL R1 50 D5 00046 TSTL R0 02 13 00048 BEQL 4\$ 51 D6 0004A INCL R1 51 D0 0004C 4\$: MOVL R1, VAL 51 E9 0004F BLBC R1, 5\$ 53 D0 00052 MOVL VAL, MTL	1594 1597
	53 03 55		02 13 00048 BEQL 4\$ 51 D6 0004A INCL R1 51 D0 0004C 4\$: MOVL R1, VAL 51 E9 0004F BLBC R1, 5\$ 53 D0 00052 MOVL VAL, MTL 52 D5 00055 5\$: TSTL J 19 12 00057 BNEQ 7\$	1598 1599
	68	04	19 12 00057 BNEQ 7\$ 54 DD 00059 PUSHL LUCB AC DD 0005B PUSHL LIST HEAD 02 FB 0005E CALLS #2, FIND_MTL 51 D4 00061 CLRL R1 50 D5 00063 TSTL R0 02 13 00065 BEQL 6\$ 51 D6 00067 INCL R1 51 D0 00069 6\$: MOVL R1, VAL 51 E9 0006C BLBC R1, 7\$ 53 D0 0006F MOVL VAL, MTL	1601
	53 03 55			1602 1604 1606
	57	•	51 E9 0006C BLBC R1, 7\$ 53 D0 0006F MOVL VAL, MTL 52 D6 00072 7\$: INCL J 52 D1 00074 CMPL J, RVT_LENGTH BD 1F 00077 BLSSU 3\$ 0B 11 00079 BRB 9\$ 50 DD 0007B 8\$: PUSHL R0 AC DD 0007D PUSHL LIST_HEAD 02 FB 00080 CALLS #2, FIND_MTL 50 D0 00083 MOVL R0, MTL 55 D0 00086 9\$: MOVL MTL, R0	1580 1581
	68 55 50	04	52 D1 00074 CMPL J, RVT_LENGTH BD 1F 00077 BLSSU 3\$ 0B 11 00079 BRB 9\$ 50 DD 0007B 8\$: PUSHL RO AC DD 0007D PUSHL LIST_HEAD 02 FB 00080 CALLS #2, FIND_MTL 50 D0 00083 MOVL RO, MTL 55 D0 00086 9\$: MOVL MTL, RO 04 00089 RET	1613 1615

; Routine Size: 138 bytes, Routine Base: Z\$DISMOUNT + 0437

: 1015 1616 : 1016 1617

DI

Page

```
D15MOU
V04-000
                                                                                                                                                                            VAX-11 Bliss-32 V4.0-742
[DISMOU.SRC]DISMOU.B32;1
: 1075
: 1076
: 1077
: 1078
: 1079
: 1080
: 1081
: 1082
: 1083
: 1084
: 1085
: 1086
                                              MTL = SEARCH_MOUNT ( .LIST_HEAD, .UCB ); ! search for MTL IF .MTL NEQ 0 ! found one THEN
                                                       LOCAL MOUNTLST = CTL$GQ_MOUNTLST [1];
REMQUE ( .MTL, MTL );
INSQUE ( .MTL, ..LOCAL_MOUNTLST);
                                                                                                                                ! set up local MTL listhead remove from old mountlist insert into local mountlist done for this MTL
                                                       END:
                                               RETURN .MTL;
                                               END:
                                                                                                                              ! of routine FIND_MTL
                                                                                                            0000 00000 FIND_MTL:
                                                                                                                                                                Save nothing
LIST_HEAD, -(SP)
#2, SEARCH_MOUNT
                                                                                                                                                 . WORD
                                                                                                                                                                                                                                                           1619
1675
                                                                                                                     00002
00006
80000
                                                                                                               7D FB5 13 9E 0E 04
                                                                                                                                                 MOVQ
                                                                                                        CALLS
TSTL
BEQL
                                                               FEBE
                                                                                                                                                                                                                                                           1676
                                                                                                                     0000D
0000F
00016
00019
                                                                            51
50
B1
                                                                                                                                                                CTL$GQ_MOUNTLST+4, LOCAL_MOUNTLST (MTL), MTL (MTL), a0(LOCAL_MOUNTLST)
                                                                                  0000000G
                                                                                                                                                                                                                                                           1679
                                                                                                                                                 MOVAB
                                                                                                                                                                                                                                                           1680
1681
1686
                                                                                                                                                 REMQUE
                                                                   00
                                                                                                                                                 INSQUE
                                                                                                                     0001D 1$:
                                                                                                                                                 RET
; Routine Size: 30 bytes,
                                                           Routine Base: Z$DISMOUNT + 04C1
: 1087
: 1088
                               1687
1688
```

DI VO

DI VO

VC

```
D15MOU
V04-000
                                                                                                                              VAX-11 Bliss-32 V4.0-742 [DISMOU.SRC]DISMOU.B32;1
                                               get process UIC check privilege
                                              RETURN SS$ NOPRIV:
                                                                                           ! no privilege to dismount /abort
                                        END
                                  ELSE
                                           If this is a disk mounted /GROUP, the dismounter must be in the group that mounted the disk, or have SYSNAM privilege.
                                        BEGIN
                                        IF .VCB[VCB$V_GROUP]
THEN
                                                                                         ! volume mounted /group
                                              BEGIN
                                              IF NOT (
                                                   PRIVILEGE MASK[PRV$V SYSNAM]
OR (.PRIVICEGE MASK[PRV$V GRPNAM]
AND (IF .MTL[MTL$L_LOGNAME] NEQ 0
                                                               THEN
                                                                     (LOCAL
                                                                           LNMB
                                                                                       : REF BBLOCK,
                                                                   FULL UIC : REF B
LOCK_LNM();
LNMB
                                                                                        : REF BBLOCK.
                                                                                     .MTL[MTL$L_LOGNAME];
.LNMB[LNMB$L_TABLE];
.LNMTH[LNMTH$L_ORB];
.ORB[ORB$L_OWNER];
                                                                     LNMTH
                                                                                  =
                                                                    FULL_UIC = .ORB[ORB$L_OWNERJ;
UNLOCK_LNM();
.FULL_OIC <16,16>
.EQL .SCH$GL_CURPCB[PCB$W_GRP]
                                                               ELSE 1)
                                              THEN
                                                   BEGIN
                                                   UNLOCK_IODB ();
RETURN (SS$_NOGRPNAM);
                                                    END:
                                              END
                                        ELSE
                                                  .VCB[VCB$V_SYSTEM]
                                                                                         ! volume mounted /system
                                                    IF NOT .PRIVILEGE_MASK[PRV$V_SYSNAM]
                                                    THEN
                                                         BEGIN
                                                         UNLOCK_IODB ();
RETURN (SS$_NOSYSNAM);
                                                                                          ! unlock I/O database
                                        UNLOCK_IODB ();
```

VÔ

D1SMOU V04-000 : 1261 : 1262 : 1263 : 1264 : 1265 : 1266 : 1267 : 1268 : 1269 : 1270	1860 1861 1862 1863 1864 1865 1866 1867 1868	THE THE END :	RETURN		EXE\$GL_SYSU ISM\$_SYSDEV			:		or dismo	ount of system device or /SYSTEM checks	Page	34 (9)
		2C 27	08 08 00006 FE79 00006 FE49 08	557AA5555C C56 5555C7C5 5655A6 65 A664	0080 04 000000006 04 00000006	COOOGC500050505080C6005050406C05712 000A4	1 99EEDDDFDDFDFD13DDD9F7FD1DFDDED13D00410153	00002 00007 0000E 00013 00018 00020 00023	CHECK_P	RIV: MOVAB MOVAB MOVAB BBS MOVL CAULS MOVL CAULS MOVL CAULS MOVL CAULS MOVL CAULS MOVL MOVL MOVL MOVL MOVL MOVL MOVL MOVL	LOCK_LNM, UNLOCK_LNM Save R2,R3,R4,R5,R6,R7,R8 UNLOCK_IODB, R8 SCH\$GL_CURPCB, R7 #2, FLAGS, 1\$ #3, FLAGS, 1\$ SCH\$GL_CURPCB, R0 128(R07, JIB JIB, LIST_HEAD #0, LOCK_IODB UCB LIST_HEAD #2, SEARCH_MOUNT R0, MTL #0, UNLOCK_IODB MTL 1\$ 6\$ CTL\$GL_PHD, PRIVILEGE_MASK UCB, R6 52(R6), VCB IOC\$GQ_MOUNTLST, LIST_HEAD #0, LOCK_IODB LIST_HEAD, -(SP) #2, SEARCH_MOUNT R0, MTL 2\$ 28(R6), ORB #0, UNLOCK_IODB SCH\$GL_CURPCB, R0 188(R07, UIC #2, FLAGS, 6\$ UIC, (ORB) 6\$ #21, (PRIVILEGE_MASK), 6\$ #36, R0 #6, 11(VCB), 4\$ #36, R1 W12, (PRIVILEGE_MASK), 5\$ #36(MTL) 5\$		776 777 780 781 782 783 784 785 790 791 792 794 795 797 801 802 803 804 805 808 818 823 823

DI VO

D1SMOU V04-000			15-Sep-1984 23:39:09 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:20:03 [DISMOU.SRC]DISMOU.B32;1	Page 35
	00006	CF 50 10 50 00 50 05	00	: 1831 : 1832 : 1833 : 1834 : 1835 : 1836 : 1838
51	0000G 52	50 51 10 68	AO DO 000A3 AO DO 000A7 MOVL 5(LNMTH), ORB 60 DO 000AB MOVL (ORB), FULL_UIC 00 FB 000AE CALLS #0, UNLOCK_ENM 67 DO 000B3 MOVL SCH\$GL_CURPCB, RO CO 3C 000B6 MOVZWL 190(RO), R1 10 ED 000BB CMPZV #16, #16, FULL_UIC, R1 18 13 000C0 BEQL 5\$ 00 FB 000C2 3\$: CALLS #0, UNLOCK_IODB	
	09	68 50 2810 08	00 FB 000C2 3\$: CALLS #0, UNLOCK_IODB 8F 3C 000C5 MOVZWL #10268, R0 04 000CA RET A2 95 000CB 4\$: TSTB 11(VCB) 0D 18 000CE BGEQ 5\$ 02 E0 000D0 BBS #2, (PRIVILEGE MASK), 5\$ 00 FB 000D4 CALLS #0, UNLOCK_IODB 8F 3C 000D7 MOVZWL #10260, R0	1845 1846 1850
		64 68 50 2814 68 00	02 E0 000D0 BBS #2, (PRIVILEGE MASK), 5\$ 00 FB 000D4 CALLS #0, UNLOCK_IODB 8F 3C 000D7 MOVZWL #10260, R0 04 000DC RET 00 FB 000DD 5\$: CALLS #0, UNLOCK_IODB	1852 1855 1856 1859 1860
	0000000G	50 00738014 50	00 FB 000DD 5\$: CALLS #0, UNLOCK_IODB 56 D1 000E0 CMPL R6, EXE\$GL_SYSUCB 08 12 000E7 BNEQ 6\$ 8F D0 000E9 MOVL #7569428, R0 04 000F0 RET 01 D0 000F1 6\$: MOVL #1, R0 04 000F4 RET	1862 1867 1869

; Routine Size: 245 bytes, Routine Base: Z\$DISMOUNT + 04DF

; 1271 1870 1 ; 1272 1871 1

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RETURN .STATUS;

D

D1SMOU V04-000									1	5 -Sep-1 -Sep-1	984 23:39 984 12:20	:09 YAX-	11 Bliss-32 V4.0-742 MOU.SRCJDISMOU.B32;1	Page 38
: 1388 : 1389 : 1390 : 1391 : 1392 ; 1393		1986 1987 1988 1989 1990 1991	3			STER (BUFFE	R, .	LEN	GTH, O);	Broadca Arg3=0	st the requi	est ster-dismount	
1392		1990	1 END;	.STATUS	•						! End of	DISMOUNT_CL	USTER	
											.EXTRN	IN_CLUSTER	, SEND_CLUSTER	
						00	45	007C	00000	DISMOU	WORD	Save R2,R3	R4,R5,R6	; 1873
			10	08 0000G	SE AC OB CF		03 CF 00 50 50	E1 E9 FB	00002 00006 0000B 00010		MOVAB BBC BLBC CALLS MOVL BLBS MOVL RET BICB2 CLRL MOVC5	Save R2,R3 -104(SP) #3, FLAGS, CLUSTER_DE #0, IN CLU: R0, STATUS STATUS, 2\$ #1, R0	1\$ VICE, 1\$ STER	195 195 195
					56		56	E8	00018 00018	15:	BLBS	STATUS, 25		195
				08	AC		08	04 8A	0001E 0001F	25:	RET BICB2	#8, FLAGS		:
	20		00		6E		6E	20	00023		MOVES	LENGTH #0, (SP),	#0. #44. BUFFER	; 195 ; 195 ; 195
				20 30 34	AE AE	00E80020 04 38	AE AE AE AE		0002A 0002C 00034 00039 0003D			#15204384, FUL DEV_ST LENGTH, IT ITEM+12	ITEM R, ITEM+4 EM+8	196 196 196 196
			00	000000G	7E 00	3C 04	060AFEEEEECA8066EEEECE406EEE306	D990779D7FDE89D9D9FDEDD9	00042 00044 00047 0004A 0004D		MOVL MOVAB MOVAB CLRQ CLRQ CLRQ PUSHAB PUSHL MOVAB PUSHAB PUSHAB PUSHAB PUSHAB CALLS MOVL BLBC MOVAB PUSHAB CALLS MOVL BLBC CLRL PUSHAB CALLS MOVL BLBC MOVL MOVL BLBC MOVL MOVL BLBC MOVL MOVL BLBC MOVL MOVL BLBC MOVL MOVL BLBC MOVL MOVL BLBC MOVL MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC MOVL BLBC CLRL PUSHAB CALLS MOVL BLBC CLRL PUSHAB CALLS MOVL BLBC CLRL PUSHAB CALLS MOVL BLBC CLRL PUSHAB CALLS MOVL PUSHAB CALLS MOVL BLBC CLRL PUSHAB CALLS MOVL	-(SP) ITEM DEV_NAME #26, -(SP) #8, SYS\$GE	TDVIW L_DEV_DSC R. FUE_DEV_DSC+4	177.
					56 2F		56	E9	00054		BLBC	RO, STATUS STATUS, 3\$		1979
				28	AE	04	AE	SE BO	0005A		MOVAB	FUL_DEV_ST	R. FUE_DEV_DSC+4	1976 1978 1979 1981
				0000v	CE	40 08 30	AE AE AE	9F 0D 9F	00065 00068 00068		PUSHAB PUSHL PUSHAB	BUFFER FLAGS FUL_DEV_DS	C NT ENCIPHED	176
				00001	CF 56 10		50	DO E9	00073		MOVL	RO, STATUS STATUS, 38	AT_ENGTFREN	1982
				00006	CF 56	04	7E AE O3 S0	04 00 9F 00 04	00042 00047 00047 00047 00057 00058 00068 00068 00079 00079 00086 00089 00080		CLRL PUSHL PUSHAB CALLS MOVL	-(SP) LENGTH BUFFER #3. SEND CI RO, STATUS STATUS, RO	CNT_ENCIPHER	1986
					50		56	04	00089 0008C	3\$:	RET	STATUS, RO		1989 1991

; Routine Size: 141 bytes, Routine Base: Z\$DISMOUNT + 05D4

D15MOU V04-000 : 1394 : 1395

1992 1 1993 1

M 5 15-Sep-1984 23:39:09 VAX-11 Bliss-32 V4.0-742 14-Sep-1984 12:20:03 [DISMOU.SRC]DISMOU.B32;1

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D

DI VO

DISMOU V04-000 : 1511 : 1512 : 1513 : 1514 : 1515 : 1516 : 1517 : 1518 : 1519	2108 2109 2110 2111 21112 2113 2114	CH\$COP	.DEV BUFFE		CSW_LENG CSA_POIN CSW_LENG STRJ);			1	5-Sep-1 4-Sep-1	984 23:39 984 12:20	2:09	VAX-11 Bliss-32 V4.0-742 [DISMOU.SRC]DISMOU.B32;1	Pa	ge (11)
1519	2116 f	A7 A7	10 10 04 04	58 20 50 BC 57 568 A6 B50	04 0601 0C 08 04	68 06 8F 68 0C AC AC AC AC AC AC 68 01	1FC D01B1BC4C0000928004000000000000000000000000000000	00000 00002 00006 00009 00010 00015 00019 00010 00021 00025 00024 00034	DISMOU	! End of INT_ENCIPH .WORD MOVL CMPW BLEQU MOVZWL RET MOVZWL ADDL2 MOVL MOVL MOVL MOVAB MOVC3 MOVL RET	HER: Save DEV D (R87, 1\$	R2,R3,R4,R5,R6,R7,R8 SC, R8 %32 , R0 alength alength R, R7 , (R7) , LOC DSC R8), Z(R7) 4(LOC DSC) a4(R8), 12(R7)		2088 2088 2090 2092 2092 2093 2102 2113 2115 2116

; Routine Size: 56 bytes, Routine Base: Z\$DISMOUNT + 0661

; 1520 2117 1

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Page

(12)

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V

(12)

```
15-Sep-1984 23:39:09
14-Sep-1984 12:20:03
D15MOU
V04-000
                                                                                                                                                                                                                   VAX-11 Bliss-32 V4.0-742
[DISMOU.SRC]DISMOU.B32;1
    1693
1694
1695
1696
1697
1698
1700
1701
1702
1703
1704
1706
1707
1710
1711
1712
1713
                                      IF (NOT .BBLOCK [UCB [UCB$L_DEVCHAR], DEV$V_FOR])
AND ( .VCB [VCB$W_RVN] NEQ 0 )
                                                                    THEN
                                                                             BEGIN
                                                                            ARGLIST [NSA$L_ARG_COUNT] = .ARGLIST [NSA$L_ARG_COUNT] + 3; ! Count vol-set pkt

ARGLIST [NSA$B_ARG_PKTNUM] = .ARGLIST [NSA$B_ARG_PKTNUM] + 1;

ARGLIST [NSA$L_ARG3_VOLSNAM_TM] = NSA$K_ARG_MECH_DESCR^16 + NSA$K_PKTTYP_VOLSNAM;

RVT = .VCB [VCB$L_RVT];

ARGLIST [NSA$L_ARG3_VOLSNAM_SIZ] =

LABEL_LENGTH (RVT$S_STRUCNAME, RVT [RVT$T_STRUCNAME]); ! Set size of vol-set name

ARGLIST [NSA$L_ARG3_VOLSNAM_PTR] = RVT [RVT$T_STRUCNAME]; ! Set vol-set name buffer address
                                                                             END:
                                                                   CALLG (ARGLIST, NSASEVENT_AUDIT);
                                                                                                                                                                             ! Call event audit routine
                                                                                                                                                                             ! End of security auditing block
                                                                   END:
                                                          RETURN;
                                                                                                                                                                                  Back to caller
                                                                                                                                                                             ! End of DISMOUNT_AUDIT
                                                         END:
                                                                                                                                                00699
00690 P.AAC:
                                                                                                                        0040
00E8
00000000
00000000
00000000
                                                                                                                                                                                                     64
232
0
                                                                                                                                                                                   . WORD
                                                                                                                                                0069E
006A0
006A4
006A8
                                                                                                                                                                                   . WORD
                                                                                                                                                                                   . LONG
                                                                                                                                                                                   . LONG
                                                                                                                                                                                   . LONG
                                                                                                                                                                                                     NSASGR_ALARMVEC
NSASGR_JOURNVEC
NSASEVENT_AUDIT
NSASARGLST_IMGNAM
                                                                                                                                                                                   .EXTRN
                                                                                                                                                                                   .EXTRN
                                                                                                                                                                                   .EXTRN
                                                                                                                                                                                   .EXTRN
                                                                                                                                    O1FC 00000 DISMOUNT_AUDIT:
                                                                                                                                                                                                     Save R2,R3,R4,R5,R6,R7,R8
NSA$GR_JOURNVEC, R8
NSA$GR_ALARMVEC, R7
-352(SP), SP
                                                                                                                                                                                                                                                                                                                    2119
                                                                                                                                               00002
000010
00015
00017
0001D
00022
00026
0002D
00038
00038
00038
00044
00048
00050
00055
00055
                                                                                                     000000006
                                                                                                                                                                                  MOVAB
                                                                                                                               99903990EEE02
                                                                                                                                                                                  MOVAB
                                                                                                               FEAO
                                                                                                                                                                                  MOVAB
                                                                                                                                                                                                    DEV_LEN
#16, P.AAC, ITEM_LIST
DEV_STR, ITEM_LIST+4
DEV_LEN, ITEM_LIST+8
SCHSGL_CURPCB, R6
#3, 39(R6), 1$
#1, NSASGR_ALARMVEC, 1$
#1, NSASGR_JOURNVEC, 1$
                                                                                                                                                                                                                                                                                                                    2168
2214
2168
                                                                                                                                                                                  CLRL
MOVC3
                                                04
                                                                                  05
08
00
                                                                                              AF AE 56 A6 67 68
                                                            AE
                                                                                                                   14
                                                                                                                                                                                  MOVAB
                                                                                                                                                                                  MOVAB
                                                                                                     0000000G
                                                                                                                                                                                                                                                                                                                    2217
                                                                                                                                                                                  MOVL
                                                                                  27
                                                                                                                                                                                  BBS
BBS
                                                                                                                                                                                                                                                                                                                    2218
2219
                                                                                                                                                                                  BBS
                                                                                                                                                                                                                                                                                                                    2223
          0050
                                                            00
                                                                                                                                                                                  MOVC5
                                                                                                                                                                                                     #0, (SP), #0, #80, ARGLIST
                                                                                              6E
                                                                                                                                AD
10
8F
03
                                                                                                                   B0
                                                                                                                                         DO
DO
E1
88
E1
                                                                                                                                                                                  MOVL
BBC
BISB2
                                                                                                                                                                                                     #16, ARGLIST
#131080, ARGLIST+4
#3, 39(R6), 2$
#4, ARGLIST+8
                                                                                             AD
AD
AD
AD
                                                                                  84
27
88
                                                                                                     00020008
                                                            04
                                                                                                                                                                                                     #1, NSASGR_ALARMVEC, 3$
                                                             04
                                                                                                                                                                                  BBC
```

					15	-Sep-19	84 23:39 84 12:20	:09 VAX-11 Bliss-32 V4.0-742 Pa :03 [DISMOU.SRC]DISMOU.B32;1	ge 47 (12)
04	88	AD 68		01	88 0005D	38:	BISB2 BBC	#1. ARGLIST+8	: 2239
04	88 89 80 00	AD AD AD	0001000F	05 8F AC	88 00065	48:	BISB2 MOVB MOVL MOVL MOVAB	#1, ARGLIST+8 #1, NSA\$GR JOURNVEC, 4\$ #2, ARGLIST+8 #5, ARGLIST+9 #65551, ARGLIST+12 FLAGS, ARGLIST+16 ARGLIST+20, R2 NSA\$ARGLST IMGNAM #262149, ARGLIST+32 -(SP) -(SP) ITEM_LIST	2239 2240 2242 2244 2251 2253 2255
	00	AD	000000000G 00040005	00 8f 7E	16 0007E 00 00084 7C 0008C		JSB MOVL CLRQ CLRQ	NSASARGLST IMGNAM #262149, ARGLIST+32 -(SP)	2257
			14 08	008FCD0FEEECA8EEF	7C 0008E 9F 00090 D4 00093 DD 00095 DD 00098		PUSHAB CLRL PUSHL PUSHL	-(SP) ITEM_LIST -(SP) CHANNEL #26	
	00000000G D4 D8 DC	00 AD AD 50 50	00040006	08 6E AE 8F AC	FB 0009A D0 000A1 9E 000A5 D0 000AA D0 000B2		MOVL MOVAR	#8, SYS\$GETDVIW DEV_LEN, ARGLIST+36 DEV_STR, ARGLIST+40 #262150, ARGLIST+44 MTL, R0 16(R0), LNMB	2261 2262 2264 2265
	E0 E4	AD AD	11	0C A0 A0	DO 000B6 13 000BA 9A 000BC 9E 000C1 11 000C6		MOVL MOVL BEQL MOVZBL MOVAB BRR	5\$ 17(LNMB), ARGLIST+48 18(RO), ARGLIST+52	2266 2269 2270 2266 2274 2278 2279
	E8	AD 52 53	00040007 00 34 14	AD 8F AC A2	7C 000C8 D0 000CB D0 000D3	5\$: 6\$:	BRB CLRQ MOVL MOVL MOVL PUSHAB	ARGLIST+48 #262151, ARGLIST+56 UCB, R2 52(R2), VCB 20(VCB) #12	2274 2278 2279 2279
	0000V EC F0	CF AD AD 2B	14 38 0E	50 A3 A2	9f 000DB DD 000DE FB 000E0 D0 000E5 9E 000E9 E8 000EE B5 000F2		PUSHL CALLS MOVL MOVAB BLBS	#2, LABEL_LENGTH R0, ARGLIST+60 20(VCB), ARGLIST+64 59(R2), 7\$	2282 2291 2292
	B0 F4	AD AD 52	00040008 20 0C	03 AD 8F A3	15 000F5 C0 000F7 96 000FB D0 000FE D0 00106 9F 0010A		ADDL2 INCB MOVL MOVL	14(VCB) 7\$ #3, ARGLIST ARGLIST+9 #262152, ARGLIST+68 32(VCB), RVT 12(RVT) #12 #2, LABEL_LENGTH	2295 2296 2297 2298 2300
	0000V F8 FC 00000000G	CF AD AD 00	0C 80	A36 O30 A56 A36 A36 O20 A56 A56 A56 A56 A56 A56 A56 A56 A56 A56	DD 0010D FB 0010F D0 00114 9E 00118	75:	TSTW BEQL ADDL2 INCB MOVL PUSHAB PUSHL CALLS MOVL MOVAB CALLG RET	#12 #2, LABEL_LENGTH RO, ARGLIST+72 12(RVT), ARGLIST+76 ARGLIST, NSASEVENT_AUDIT	2301 2304 2309

[;] Routine Size: 294 bytes, Routine Base: Z\$DISMOUNT + 06AC

^{; 1714 2310 1}

```
ROUTINE LABEL_LENGTH (STR_LENGTH, STR_TEXT) =
  FUNCTIONAL DESCRIPTION:
           This routine will return the length of a given string. Trailing blanks at the end of the string are not counted as part of the string.
  CALLING SEQUENCE:
           LABEL_LENGTH (ARG1, ARG2)
   INPUT PARAMETERS:
                     : Input string length : Input string address
           ARG1
           ARG2
   IMPLICIT INPUTS:
           None.
  OUTPUT PARAMETERS:
           None.
  IMPLICIT OUTPUTS:
           None.
  ROUTINE VALUE:
           None.
  SIDE EFFECTS:
           None.
BEGIN
MAP
           STR_TEXT
                                : REF VECTOR [,BYTE]; ! Input string
LOCAL
           PTR
                                : LONG;
                                                                 ! Pointer to current char.
  Starting at the end of the string, decrement the string length until a nonblank character is found, or the beginning of the string
   is encountered.
```

PTR = .STR_LENGTH; WHILE (.PTR GTR 0) AND (.STR_TEXT [.PTR-1] EQL %ASCII' ') DO

D1SMOU V04-000 : 1773 : 1774 : 1775 : 1776	2368 2 PTR = 2369 2 RETURN (. 2371 1 END;	: .PTR - 1; .PTR)	15-Sep-19 14-Sep-19	84 23:39:09 84 12:20:03	VAX-11 Bliss-32 V4.0-742 [DISMOU.SRC]DISMOU.B32;1	Page 49 (13)
: Routine Size : 1777 : 1778 : 1779	50 : 27 bytes, Rou 2372 1 2373 1 END 2374 0 ELUDOM	51 04 51 08 20 FF 50 utine Base: Z\$DISM	0000 00000 LABEL_L AC DO 00002 OF 15 00006 1\$: AC C1 00008 AO 91 0000D 04 12 00011 51 D7 00013 EF 11 00015 51 D0 00017 2\$: 04 0001A	MOVL STR	nothing LENGTH, PTR TEXT, PTR, RO 0), #32	2312 2366 2367 2368 2370 2371
: Name : \$GLOBAL\$: Z\$DISMOUNT		PSECT SUMMAR Bytes 4 NOVEC, NO 2029 NOVEC, NO	Attributes WRT, RD , NOEXE, NOSHR, DWRT, RD , EXE, SHR,		CON, NOPIC, ALIGN(2) CON, PIC, ALIGN(2)	
file _\$255\$DUA28	:[SYSLIB3LIB.L32;1	Total 18619	Symbols Loaded Percent	Pages Mapped 1000	Processing Time 00:01.8	

COMMAND QUALIFIERS

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BLISS/CHECK=(FIELD, INITIAL, OPTIMIZE)/LIS=LIS\$:DISMOU/OBJ=OBJ\$:DISMOU MSRC\$:DISMOU/UPDATE=(ENH\$:DISMOU)

: Size: 1962 code + 71 data bytes
: Run Time: 00:47.9
: Elapsed Time: 01:52.1
: Lines/CPU Min: 2974
: Lexemes/CPU-Min: 23902
: Memory Used: 226 pages
: Compilation Complete

0105 AH-BT13A-SE

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